

56336-49

12/4/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Trace Tipton
Suterra, LLC
20950 NE Talus Place
Bend, OR 97701

DEC 04 2013

Subject: Confidential Statement of Formula (CSF) and Label Amendments to change the registered source of the active ingredients for the CheckMate OFM Dispenser (EPA Reg. No. 56336-36) portion of the product and revise the ingredient statement on the label.
CheckMate CM-OFM Duel
EPA Reg. No.: 56336-49
Your submissions dated June 4, 2013
Decision Numbers: 479711 and 485042

Dear Mr. Tipton:

The amendment to the basic formulation CSF and alternate formulation CSFs A and B referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(5), as amended, have been received and reviewed, and the amendment is acceptable. The basic formulation CSF and alternate formulation CSFs A and B dated June 4, 2013 have been added to your file and are considered current and updated. All other basic and alternate formulation CSFs on file with the Agency are considered outdated and obsolete.

In addition, the label amendment referred to above submitted in connection with registration under the FIFRA section 3(c)(5), is acceptable provided that you:

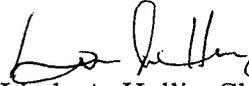
- 1) Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
- 2) Submit two (2) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling

SYMBOL	constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.						7511P
SURNAME							Welsh
DATE							11/20/13

Should you have any questions, you may contact Mr. Colin Walsh directly at (703) 308-0298 or via email at walsh.colin@epa.gov.

Sincerely,



Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

CheckMate® CM-OFM DUEL

DUAL DISPENSER SYSTEM

Active Ingredient (CM Dispenser):
 (E,E)-8,10-Dodecadien-1-ol17.54%
Other Ingredients:82.46%
Total:100.00%
Net Weight: Active ingredient total of 270 mg
 pheromone blend per dispenser.

Active Ingredients (OFM Dispenser):
 (Z)-8-Dodecen-1-yl acetate12.00%
 (E)-8-Dodecen-1-yl acetate0.77%
 (Z)-8-Dodecen-1-ol0.13%
Other Ingredients:87.10%
Total:100.00%
Net Weight: Active ingredient total of 250 mg
 pheromone blend per dispenser.



A BIOCHEMICAL PESTICIDE FOR MATING DISRUPTION OF
 CODLING MOTH (*Cydia pomonella*) and ORIENTAL FRUIT MOTH (*Grapholitha molesta*)

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse. Wear chemical resistant gloves and protective eyewear.

FIRST AID

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

HOT LINE NUMBER: Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. You may also contact 1-866-326-6737.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

ACCEPTED

DEC 04 2013

Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended, for
 the pesticide registered under
 EPA Reg. No. 56336-49

WARRANTY AND LIMITATION OF DAMAGES

To the extent consistent with applicable law, Suterra LLC warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use. To the extent consistent with applicable law, Suterra LLC neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. To the extent consistent with applicable law, Suterra LLC's maximum liability for breach of this warranty shall not exceed the purchase price of this product. To the extent consistent with applicable law, the buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this material contrary to label instructions.

Batch Code:

NET CONTENTS:

500

DISPENSERS

**CM-
OFM
DUEL**

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. CheckMate® CM-OFM DUEL is a behavior modifying biochemical product (pheromone) which functions by mating disruption. It is to be used in pest management programs for control of codling moth (*Cydia pomonella*) and oriental fruit moth (*Grapholita molesta*).

METHOD OF APPLICATION: For use on apples, pears, quinces, and other pome fruits; peaches, nectarines, plums, prunes, and other stone fruits; walnuts, pecans, and other tree nuts, the recommended rate of application of CheckMate CM-OFM DUEL is 150 to 200 dispensers per acre (375-500 dispensers per hectare). Do not apply more than 288 total dispensers per acre per year (150 gms a.i./acre/year), (711 total dispensers per hectare per year, (370 gms a.i./hectare/year)).

Use gloves when handling dispensers. Provide adequate ventilation when handling dispensers. Do not handle dispensers in an enclosed area. Hang dispensers from a thumb-size tree limb approximately three feet (one meter) below the top of the tree, within the canopy.

Do not handle other types of insect lures before or after dispenser placement without thoroughly washing hands. Set monitoring traps before handling CheckMate CM-OFM DUEL. Monitor treatments carefully, especially for secondary pests such as leafrollers and peach twig borer. Reseal containers immediately after use. Do not use CheckMate CM-OFM DUEL from damaged, punctured or unsealed containers.

APPLICATION: For best results, apply at the time or shortly before oriental fruit moths begin to emerge in the spring (biofix), or when the moths are first detected in pheromone traps such as BioLure®. This product only affects adult male moths and will have no effect on female moths, eggs or larvae. If application occurs following biofix or during the growing season, the orchard must be treated with insecticide treatments that will effectively control hatching larvae until egg laying by previously mated female moths has ceased to occur. In moderate to high insect pressure situations, supplemental insecticide applications during the season may be necessary to provide adequate protection to developing fruit. These supplemental insecticide applications should be made based on trap monitoring, field scouting, and appropriate degree-day models for the local growing area, and must be timed to control emerging larvae. Follow the BioLure Technical Bulletin for trap placement. Monitor insect infestation with traps and by visual inspection of trees and fruit. Re-apply CheckMate CM-OFM DUEL as needed, based on monitoring results and field scouting.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE - Store container in cool place until used. Reseal containers immediately after use. Store unused product in a refrigerator or freezer not used for food storage.

PESTICIDE DISPOSAL - Wastes resulting from use of this product may be disposed of on-site or at an approved disposal facility.

CONTAINER HANDLING - Plastic containers: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available, or dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

Bag/Cardboard Box: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available, or dispose of empty bag/cardboard box in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

Manufactured by:



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Bend, Oregon, USA 97701
1-866-326-6737
Fax (541) 388-3705

EPA Registration No. 56336-49 / EPA Establishment No. 56336-OR-1
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